

PICTURE RECORDING AND REPRODUCING DEVICE AND PICTURE REPRODUCING DEVICE AND ILLEGAL USE PREVENTING METHOD

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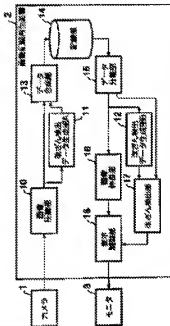
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Abstract of JP2000341632

PROBLEM TO BE SOLVED: To prevent the alteration of a digital picture or any illegal access from a third person in a device for recording and reproducing a picture with a digital signal.

SOLUTION: Data for alteration detection are generated by an alteration detecting part 11 from digital data compressed by a picture compressing part 10. The alteration detection data are embedded in a dead region in a digital picture data format, and stored in a recording part 14. Also, when reproducing the picture from the recording part 14, the alteration detection data are extracted by a data separating part 15, and compared with data obtained by an alteration detection data generating part 12 by an alteration detecting part 17, and only when any alteration is not detected, the compressed digital data are extended by a picture extending part 16, and the picture is reproduced through a display control part 18. When alteration is detected, the picture is not displayed.



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